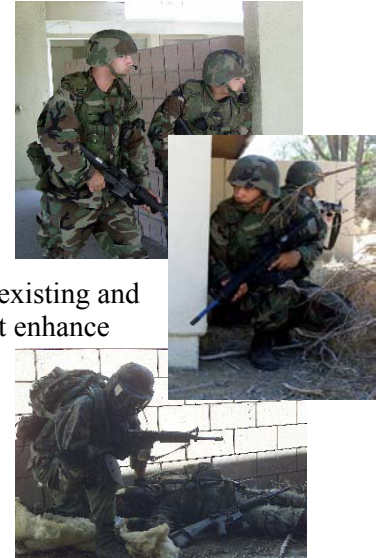


Project Metropolis

Purpose: Identify weaknesses or problem areas across the spectrum of ground warfare within the urban arena and experiment to find solutions.

Project Metropolis has a five-fold purpose: (1) Develop TTPs to enable Marines to survive, fight and win Military Operations in Urbanized Terrain (MOUT); (2) Assess proposed lessons learned from operations during Operation Iraqi Freedom; (3) Develop a comprehensive urban warfighting Program of Instruction (POI) to include the Basic Urban Skills Training (BUST) Computer Based Trainer (CBT); (4) Recommend improvements to existing and future training facilities; and (5) Evaluate selected enabling technologies that enhance combat capability in the urban environment.

Project Metropolis partners with operating force units as well as our Coalition partners to conduct experiments at the platoon through battalion (reinforced) level. Experimentation is accomplished across all spectrums of conflict with symmetric and asymmetric threats in both high and low intensity combat environments on urban terrain.



Background: The Lab began examining the urban environment in 1997 as part of the Urban Warrior series of experiments. *Project Metropolis* was initiated in June '99 due to the Marine Corps challenges regarding TTP development as well as technological and Marine-specific equipment shortcomings. *Project Metropolis* evolved into the repository for urban expertise in the Marine Corps. It has resulted in a wholesale revision of urban doctrine that is currently underway. It has been designated as the lead agent for the Marine Corps regarding participation with the Joint Urban Operations Cell at JFCOM.

Description: *Project Metropolis* experimentation systematically identifies weaknesses or problem areas across the spectrum of urban operations and designs experiments in order to find solutions through the conduct of live force experimentation with operating force units at the platoon through battalion (reinforced) level. Experimentation is accomplished across all spectrums of conflict with symmetric and asymmetric threats in both high and low intensity combat environments. Heavily involved in the preparation of Battalions of the 1st, 2d, and 4th Marine Divisions for Operation Iraqi Freedom (OIF) 2. MCWL created an Iraqi village environment at the family housing area of March Air Reserve Base. Those assigned to *Project Metropolis* Staff, along with Marine SMEs and coalition partners, trained seventeen battalions in support of the 1st Marine Division during Jan to Aug '04 while also conducting a Basic Urban Skills Training (BUST) Instructor Training Course. This training places heavy emphasis upon creating an environment that closely replicates the people and threat forces that the Marines will face in the Global War on Terror. Feedback from Marine Battalions deployed to Iraq during OIF-II was favorable. MCWL has currently transitioned this capability to TECOM.

Deliverable Product(s): Technology assessments and supporting TTPs.

Metropolis:

| TASK | FY06 | FY07 |
|--------------------|------|------|
| Project Metropolis | ▲ | ▲ |

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